



NCDOT Prioritization 3.0 Project Summary

SPOT ID: H090433

Mode: Highway

Status: Submitted

(New Route - Carey Road Extension)

From/Cross Street: SR 1572 (Rouse Road)

Specific Improvement Type: 5 - Construct Roadway on New Location

To: US 258

Project Category: Division Needs

Length: 1.81

TIP#: U-3618

Fully Funded in Draft STIP? No

Cost to NCDOT: \$12,910,000

Description:

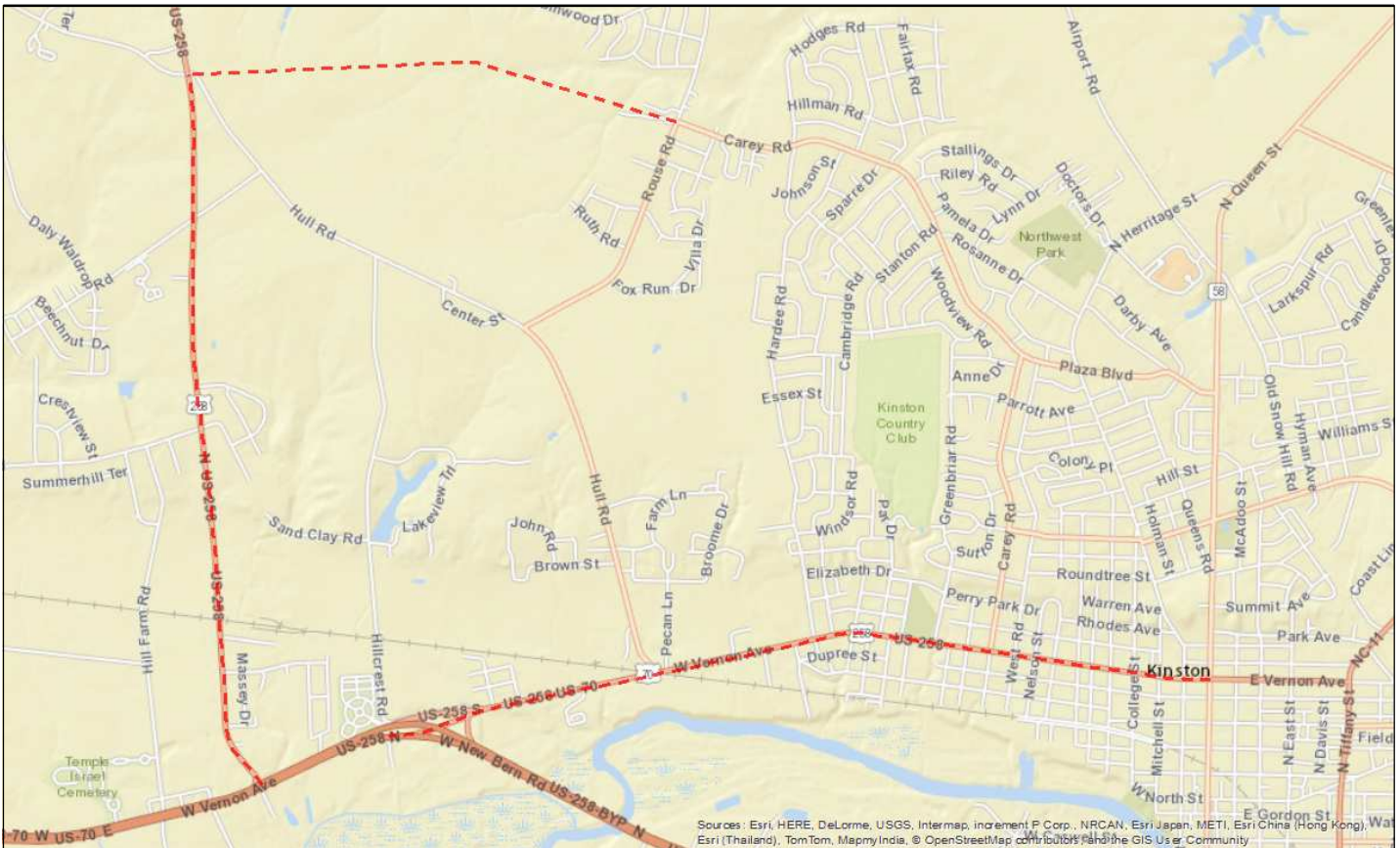
Construct Multi-Lanes on New Location

Division(s): Division 2

County(s): LENOIR

MPOS(s)/RPO(s): East Carolina RPO

Project Location



Statewide Mobility Total Score: 0

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Totals: Weight: 0% Weighted Score: 0	N/A	N/A

Regional Impact Total Score: 0

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Totals: Weight: 0% Weighted Score: 0	Percent: 15% Points: 0	Percent: 15% Points: 0

Division Needs Total Score: 42.62

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (20%) 40.30	Percent: 25%	Percent: 25%
Safety (20%) 58.64	Points: 0	Points: 90
Multimodal + [Freight & Military] (10%) 3.29		
Totals: Weight: 50% Weighted Score: 20.12		

Project Data ***Existing Conditions**

Existing Cross-Section:	
Speed Limit:	43
Length (miles):	7.2
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Other Principal Arterial
Terrain Type:	Level
Lane Width:	12
Paved Shoulder Width:	0
Roadway has Curb & Gutter?	Yes
Volume (AADT):	17578.72
Capacity:	31700
Volume/Capacity Ratio:	0.55
% Autos:	96%
% Trucks:	4%
Truck Volume:	657.16
Crash Density:	51.38
Crash Severity:	78.79
Critical Crash Rate:	45.76
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	1
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	19
Existing Median Type (for Cost Estimation):	Undivided
Pavement Condition Rating:	66
Actual Congested Speed:	37.23
Travel Time Index:	1.16

Project Benefits

Project Cross-Section:	4B - 4 Lane Divided (23' Raised Median) with Paved Shoulders and Sidewalks
Speed Limit:	45
Length (miles):	1.81
Facility Type:	Arterial
Access Control:	Partial
Functional Classification:	Other Principal Arterial
Terrain Type:	Level
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	4
Travel Time Savings for 30 Years (Total):	32043782.01
Travel Time Savings for 30 Years (Autos):	30845860.39
Travel Time Savings for 30 Years (Trucks):	1197921.62
Long-Term Employment:	
% Change in Economy:	
Provides Direct Connection to Transportation Terminal?	No
Does project upgrade how the roadway functions?	No
In CTP or LRTP?	No
CTP/LRTP Name:	
CTP/LRTP Completion Year:	
Submitted by:	Division 2

* Data reflects calculations which include weighted averages (where applicable) and represent raw output from the Department's SPOT OnLine tool and associated databases.

Project Ownership**Division**

Division	Percent	Regional Impact	Division Needs
Division 2	100%	0	0
	0%	0	0
	0%	0	0
TOTAL Division Points		0	0

MPO/RPO

MPO/RPO	Percent	Regional Impact	Division Needs
East Carolina RPO	100%	0	90
	0%	0	0
	0%	0	0
TOTAL MPO/RPO Points		0	90

Project Cost and Source

Construction Cost:	\$10,700,000	TIP Unit
Right-of-Way Cost:	\$2,140,000	TIP Unit
Utilities Cost:	\$70,000	TIP Unit
Total Project Cost:	\$12,910,000	
Other Funding:	\$0	None
Cost to NCDOT :	\$12,910,000	